Continued from Page 19

### BOAT BUILDERS

nly or any slage completion hulls filted out. Coalledyke

## **ECHO** SOUNDERS FISH FINDING

Booklet of questions and answers by John Burgess and list of suppliers. £1.50 posted from: M. E. Publications. 6 Quay Street, Woodbridge, Suffolk IP12 1BX

# Top boat forced years the most successful inshore fishing vessel to work the east coast from Grimsby since the war, has been sold to

This is largely dus to the new DoT safety regulations and the problems of finding auitable men to crew her on a regular and reliable basis. Built 40 years ago by Alex-ander Aitkan at Anstruther,

the wooden 50-footer became subject to the DoT rules from Octoher and skipper-owner Ted West, who was already in the process of taking steps to conform to the new legisla-tion, was ordered to cease fiehing on that date.

A verbal dispensation allowing her to continue for a further eix months wes made. but on top of the other problems fecing Skipper West it was the last straw and he decided, reluctantly, to nccept the first reasonable offer far the vossel which had provided his livelihood for the

Having completed a deel with Philip Ware, of Bungey, Suffolk, who is converting Peggy III into a holiday cruiser to be based on the west coast of Scotlend, e seddened Ted West spoke to Fishing News shout his predicament end made no bones about current Govern-ment policies which forced Peggy III into a state of no

longer being visble.
"During this yeer I've takon more risks to earn more

niploynient." Elshoroting, Skippor West soid he was not completely at variance with the DoT selety regulatione, only objecting to the high survey fees, the enterscenar of metric dreught numbers and the installation of watch-keeping receivers—"leavo these three out and I go along with it."

He had been hedly hit by Stern trawlers pull in to p-ship position at Floetwood iset week with Boston Bevarley (Skipper Hugh McMillan) just He had been badly hit by the two-year-old RDLB local

do more than 34 days at sea and the difficulties of finding

men who want to remein in highly poid regular

decision compelling inshores at sea for more than seven tides to indent for lumper labour to unload the catch

the port.
The nearest to it was £4,464 grossing by the side trewler Resolute, which is enjoying a good run under the command

pelore in my life, but in epite were weeks when they were £300 e day during the summer dogliehing I could not make her pay ee a fiehing vessel due to three principal

of average earnings of about £300 e day during the summer dogfiehing I could not make her pay se a fishing vessel due to three principal feature.

Were weeks when they were without a month passes better off on the dole.

"The trouble now is they get a couple of good weeks and you can't keep them and there's always the Social fishing. For the same reasons which there's always the Social fishing. Stimmer West hope to the same of the same of the same reasons which there's always the Social fishing. Security to fall back on when Skipper West hopes to re "Namsly the coets of com-plying with ell the new DoT rules, the NDLB decision to 'black' inchore vessels which

the money runs out."

The deperture of Peggy III, initially for a refit in Suffolk, sponsor to put inshorc lishing is a sorious blow to Grimehy's back unto e sensible basis at dwindling inshora fleet. Grimshy.

Wast of Paggy III lieft), on a the few locals prepared to epsek his mind shout th problems of running so inshor boet et Grimsby. Paggy III har basn sold to a Scattish owner who will convert her for

Hordly a month passe

## Council plans 'come-back' for Meduff

EFFORTS are heling made skippere at Macduff have to ravive Macduff Har- said that quite e number of bour, Banffshirs, as a them would land at their labour to unload the catch end this ruling hed pushed up his fuel hills and teken him off good fishing too often.

He disclosed a conetent preblem of crewing and from 52 applications in the last month for a cattletic of the control of the last of the result of the catches as a substant of the catches as a

prepared to land regularly a Macduff for a trial paried in the hope that additions buyers would etteod."

Councillor A. J. Rennie, Pitmedden, chairman of the ragion's transportation and roads committee, said they wars also anxious to eacouregs increased use of Buckie and Burghead har-hours and in their case they wars looking to the possibilities of expanding

Mr. Hay continued: "A number of skippere heve remained faithful to their homs ports end li more huyers were to attend these markets then it is certain nore boots would lend st their local ports. On the other hend, the buyers would possibly attend if more books were to patronise their home

November 19, 1976

will not deviate from in)-

GRIMSBY owners. Consolidated Fisheries, ls to send another of its fleet mld-watering.

Corlisic, sister-ship to Real Mndrid which is now fishing mockerel off the south-west, is at present under-going s rofit at Grimsby and she is to

be fitted with a net drum.

The t40 ft. (nrisis, which has not fished for allout two months, is to heve a similar

waters, where its code is weaker and its interests less important.

Informed sources in legand outinistically stated to the least output output output legand output output legand legand output legand legand output legand legand output legand legan Informed sources in tecland optimistically stated the brief meetings last Friday there is a control of tecland. Fishing Nows Ilits wook. A new deal rests on Produced by the Belief Fishing reciprocal tishing rights as Federation, alreedy 50,000 Turn to page 16 elickors have been sent out.

## fleet flahing Iceland has now reached crisis point. Trawlers sailing after today will not be sble to guarantee enough time on the grounds to make a pay-ing catch before the

ing catch before the present agreement on trawling inside inside in Reykjavik the commissioner responsible, Finn take in the second take in Reykjavik the commissioner responsible, Finn take in the second take in Reykjavik the commissioner responsible, Finn take in the second take in Reykjavik the commissioner responsible, Finn take in the second take in Reykjavik the commissioner responsible, Finn take in the second take in Reykjavik the commissioner responsible, Finn take in the second take in Reykjavik the commissioner responsible, Finn take in the second take in Reykjavik the commissioner responsible, Finn take in the second take in Reykjavik the commissioner responsible, Finn take in the second take in Responsible, Finn take in the second take in Responsible, Finn take in the second take to words in the color take the could he missioner responsible, Finn take in the second take to words a similar report by the commissions attitude towards in the second to the color take the could he mission's attitude towards in the second to the color take the could he mission's attitude towards in the safered to.

The menne there could he agreed to.

This menn there could he no to eave the commissions is thought to words in the commissions attitude towards in the second to read the color take in the construct of the commissions is thought to words in the construct of the commissions is thought to words in the construct of the commissions is thought to words in the construct of the commissions is thought to words in the construct of the con

schieved is the date for more tilks and an understanding that British trewlers would make their sxit from keland's 200-mile limit on December 1 if no agreement

hammered out.
The British Fishing federation is leading a bid to youh the EEC into achieving a lish-on deal before the expiry date, but a spokesman told Fishing News: "We're just not getting through to Brusels".

sued s etatement outlining British trawlermen's incrains trawlermen's incrains enger and elerm at
the 'procession of concasions' technique being
adopted by the EEC Commission.

"The commission has not

tren reached the nagotiating table yet, but hee already aved the way to it with a tries of prese briefings and takenents each of which has

were very cordial, but there are real fcors that lecland

The lociendio wat fish stam trewier Gudsteinn in Grimoby to lend isst week. She wee not quite so furturets es sloter-ship Ogri had been the week before. Ogri set a new estionel wet fish high of £78,807 but, because of sleek fishing and bed wasther,

marked a further retreat from the one before," eald Aueten Laing, BFF director-ganeral.

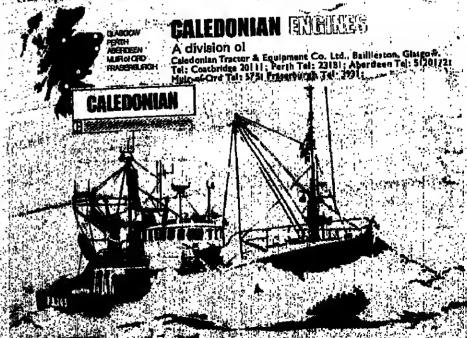
Before emberking on what it temed "preliminary" talks list weekend the commission the seekend the commission herring. Skipper Frost's Gill Too was one of several Wash bress briefing at the commission herring.



## plementing fully her 200-mile Power where it's needed.

If you want to know something about Caterpillar power, ask the men who rely on it for their livelihood, and at timeo, even their very lives. Ask a man like Jim Slater, skipper of the fishing trawler "Aquila" Jim Slater's trawler is powered by a CAT D398 TA which develops 850 h.p. at 1225 r.p.m., and there's power to spare thereilt's typical of the range of Caterpillar Diesal Engines which Caledonian have been selling in Scotland these past 25 years.

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Sales . ME

S.

Hugh McMillan) just henting Govino.

Boston Beverley took advantage of a good merket to make £33,030 from 1,153 kits, including more than 1,000 of cod. Gavino landed later in the weok with her 1,107 kits making £33,027. Both stern trawlers had been to Iceland grounds.

Other of the port's vessels

Venturing to the grounde did not fere so wsll — mainly due to had weather.

The stern trawler Irvana (Skipper Tom Watson) landed and of those more than 35 were of solas, which helped her make £5,230. This was not hettered by any occarwater landing at the port.

The neserest tolt was £4,484 grossing by the side trewler of grossing by the side trewler.

The Prophet retires

Resolute, which is enjoying a good run under the command of Skipper Bill Ansell. On her latest voyage she caught 196 kits, including 35 of cod and 80 of coley, which met e 80 of coley, which met e market sager for both

market sager for both varieties.

HULL'S HISTORY was landad by Mount

Farrar). Sha had 40 kits of that variaty in her total of 273, which also included 80 of cod, 90 of heddocks, 15 of roker and 40 of dogs, for a grossing of 66 120.

If the LAS COAS

THE SECOND phase of fishermen at work, modern trawling, and finally, modern Museum was opened on the finding.

Museum was opened on The discount trawling and finding. Wodnosday this wask by Sir Leo Schultz OBE.

The displays have been dasigned by Robin Wade Design Associetes in conjunction with the Hull Museum

Published by Arthur J. Heighway Publications Ltd., 110 Flest Street, London, BC4, Printed by Derby Trader, Newspaper Ltd., Hosnor Gate-Industrial Estate, Hearner, Derbyshire.



# at the port with a cetch of 520 tons of mackerel. This move followed the successful handling of Hull This move followed the successful handling of Hull The successful handling of Hull The successful handling of Hull Satisfied with the landing of with the landing of the south-west grounds until he south-west grounds until he south-west grounds until he south-west grounds until he spret run sters. what you want in a net. And Bridport-Gundry can help you And Bridport-Gu

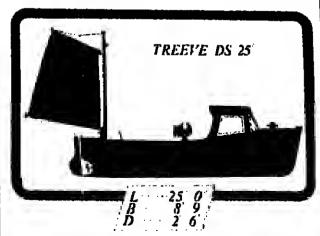
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CORNWALL HAYLE;

# Milford now a mackerel base Ross Ramillies Makes £50,613 after 22 days Go to Monrovia

important role in the south-west winter Milford Docks Co. officials diested that they would land

Last weekend the Hull mackerel at the port.

looks like playing an when they landed fish from Docks company meneger,

mackerel fishery — as a landing base for Huli end et least three Hull com- mackerel st the port. panies, it is expacted that Ha added: "It seems as if more vessels will land Milford Haven could become

har first catch of the \_ It was the 98 ft. Gollic ship, Gollic Moy, could be

acason before putting into Rose which last January joining her shortly.

trawling port.

Two of these landings were from local boats. There was a remarked. "I can see us enjoying our stay here: it is a minutes.

The me

the mid-water trawl of Eqficient; a total of 1,000 stone
from the Renovelle — both
from Newlyn — and 25-tons
of Grimsby.

Fighting

WITH ABOUT 100 tone of fceiandic grounds

catch of about 60 tone from

Last weekend the Hull mackerel at the port.

etern trawler Orsino docked at the port with a cetch of 520 tons of mackerel.

There is an added advantage tons of mackerel.

Penzance and her elater-

pilchards and mackerel.

Gallic Rose was brought down by Skipper Andrew the harbour at Peazance. landed a local record of Watson and his crew from With Klemet Fisheries 115-tone of mackerel at conat of Scotland.

She arrived off Lande End in the early hours of Sunday morning and took Sunday sunday morning and took Sunday s

the weekend to join in its initially operate from

Samantha strived as a te epring, but her partner I: (Skipper Peter Thinne:

mackerel being landed on Thursday is at week by three boats, Penzance has begun a new life as a trawling port.

Two of these landings were in the serve is a superstant of the serve is a supe Also watching the operation the Hull fish meal plant.

# £50,000 A

Watching landings from the quayside was Derek Brown, akipper of the Grimsby sistership Shawnee, which could be coming to Cornwall soon.

Ha travelled to Penzance to essess the situation. Both he and Mohove's skipper, Colin Shall, are former deep-water.

THE CORNISH line-boat eggressively driving small boats away from the choals survive this winter. By they do find.

Tempers are fraying and some say there is a reel risk social security.

This is the wey it looks to the inshoreman themselvas—

Shall, are former deep-water. Spall, are former deep-water the inshoreman themselvas— substantial reduction in the size of the inshore fleet seems inevitable.

This is the wey it looks to within the next few weeks. A substantial reduction in the size of the inshore fleet seems inevitable.

This is the wey it looks to within the next few weeks. A substantial reduction in the size of the inshore fleet seems inevitable.

Mackerel catches are very poor close inshore, but further out mid-water trewiers and pursers working round the close inshore.

## PELICAN

ENGINEERING CO. (SALES) LTD

menufacturers of Gerdner-powered marine auxillaries for the new trewler GLEN CLOVA wish the owners, J. Merr (Aberdeen) Ltd, Skipper Kenneth Welker and the Crew the best of luck for the future.

WAKEFIELD ROAD & WOOD LANE LEEDS LS26 ORU

BUT's Grimaby 5,880 kits from ten local 6,880 kits from ten local 6,880 kits from ten local 7,881 kits for the local 8,880 kits from ten local 8,880

lessod.

In a week dominated by distant water landings. Ross Ramilles narrowly topped an early £48,937 grossing by BUT's Northern Gift (Skipper David Pulfray) from 1,664 kits, also mostly codstuffs, after a 21-day lessodie trip.

Algax smashes seine net record

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Algax smashes seine net record

In a week dominated by distant water landings. Ross as in grown who go on the trip will be on a minimum of a six-month contract. They will be on a minimum of a six-month contract. They will receive a lump sum payment in American dollers and will be in line for bonus payments."

Algax smashes seine net record

When the less ditioning.

When the men who go on the trip will be on a minimum of a six-month contract. They will receive a lump sum payment in American dollers and will be in line for bonus payments."

Marine of Hnyle, Curnwnli.

Allogether io the section 12
Inameter turned out 14,100
kits or roughly two-thirds of
ail the fish landed at

negotiatore tentatively open-ed talks in Reykjavik on the delicate subject of continued British accese to Icelandic grounds, the distant waters could not have expressed their vital role in tha economy of the Grimshy fishing in-

Again the biggest disappointment wee the sleck lishing with most vessels pressed to bresk four figures n kits on both Icelandic and White Sees ground, but the Boston's beleaguered The Scottish sainer Ajax lended 1,020 kits at Palarhand to holat markets were very charp end unity Boston's beleaguered The Scottish same August tha £18.000 mark. Evans), beck with A NEW Scottish seine net came from 753 boxes during a mechanical troubles, failed to A NEW Scottish seine net came from 753 boxes during a

boxee of white fish grossBest grossings here came from Gudstein, a sister ship to Ogn the record earnar from the week before, but she had to settle for £42,757 from 1565 bits from a record mix. dacks, pleice and colay. registered Argonaut IV. That Middle/nest water trawler record grossing of £14,172

malden catch of the new Aberdeen boat Helene at her home port on Tues-

Skipper William Melcolm

mechanical troubles, failed to the pf27,000, having to settle for a modest £15,892 from 639 hits after a 17-day trip.

Once sgein Grimsby opened her markets to three icelanders, Ran, Gudsteinn and Solberg.

Best grossings here came

£84 for tirst box 1,565 kits from a nicaly mix-ed estch of mainly cod, had-Smith of the Kirkcaldy-THE RECORD price of 684 was paid for the first box of heddock from the

## HOUSANDS of pouada mant on the cause of the colli-

worth of damage was sion for insurence reasons, done to e 36 ft. Plymouth sion for insurence reasons, but my wheelhouse has been smashed, the mast twisted and the railing bent. There was just myself and one hand on board."

Skipper William Melcolm of Stonehaven completed an eight-day trip and the Lewisbuilt boat landed 545cwt. Which grossed £7,725.

The collision happened at

The collision happened at bleakwater. retit.
He said: "I cannot com- dockyard.

first box will go towards the Aberdeen lifeboat fund. might as Skipper Barry De Caen was bringing St Etienne of cuttle fish, was in collision of cuttle f

# JOHN HEPWORTH

# **Boat grants**

Join (Jock) Hepworth, managing director of J. R. Hepworth & Co. (Hull) id., and one of the ootondors of the Pauli wo brothere, Herry and bipbuilding and Repair-its yard on North firm whose Pauli yard sign 71.

Ile begas businese on his own osa ship repairer st Hull's Queen's Dock after completing his apprendicaship as a plater.

New boats from the yard have included four after completing his apprendicaship as a plater.

Then 43 years ago Boston Deep Sea long with his father and Fisheries.

particular varieties. Thera is no limit to what enrier this month

can't see why they wouldn't : A drawing of the hall, comrenegotiated terms."

He said the fish that was have hoon produced of the Innded would not go up for auction. "It goes direct to a lish processing factory. The association with Dennis value of the cutch is assessed | Swire, formerly of the hypsrticular prices hoing put | Porthleven yard. The first huil cema out of the mould

tha men earn. It is up to it's only the first haifthem." He said that after six dozen Treeve-Porthleven 25
months if the men wanted to return they would get their [1,200], the full price is £1,350, air ticket. But he added: "if Main dimensions are: beam, they were happy with the jub [21, 6in.]

- and I have been there and [21, 6in.]

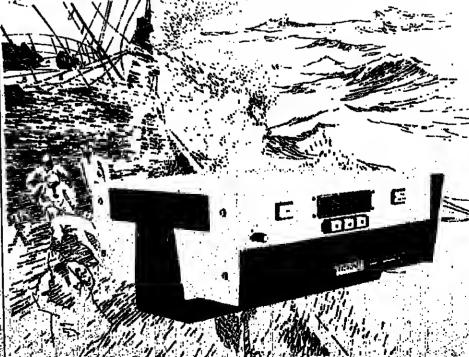
be - a further contract will plete with net hauler and be offered to them on inizen sail, was displayed at the West Country Bont Show Boston Marander was built but Plymouth during August.

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fishing news

THERE is no danger of the trewlers and pursers working seacocks being sterved on many the clock are taking maggie Marie, the GM 32 heavy catches.

Scottish Correspondent: Gloria Wlisoa Advertisement Director: Fred Purseell Managing Director: W. A. Cathies

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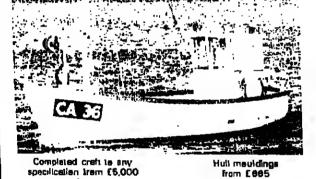
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## First for trish trawler

# trawler Mory Agnes made history last weekend when she

Irish vessel to land her catch in a Continental biggeat fishing veasel which is owned by the

Fladden Bank at coast of Scotland and in (BIM) grant — can be dings and increased costs Hanatholm, in north-weat the North Sea. Denmark. She made more Jamea V. Doyle

managing director of the It is only a year since owning company, has she arrived at Rossiare gone a long wey towards harbour to end her proving that Irieh

result of the discussions of the oouncil of Ministers about the 50-mile zons for our fishermen, think you might like to heer about the events on the fleor of at a leter date.

than \$10,000.

ected by January 1, 1977, the Caizlel were absent. UK would declere e unlieterel The whole problem has W. Automarine of Holt, Norneluding Norway.

Commissioner Gundalech guires unenimity.

The British delegation united and that voices like mine were its renks behind a resolution elermiet.

is en egreed improvement on member state.

12, end, if this battle had been Winlfred won on the floor of the House, further bettles could have been ngaged in to stiffen it further

the Europeen Perliement on It is interesting to note thet Thursday, Dotober 14, this year an first voting there was a tie. when the subject was debeted. but on a re-count it appeared The UK Government hee that the resolution falled by one alreedy made an announce- vote. It is a pity that both ment that If the EEC had not William Hamilton and Mr. T.

200-miles end so emulate the erisen, of course, because the folk, which specialises in exemple sireedy set by several Conservatives, on entry, other North Atlantic countries, agreed to the EEC Fisheries Policy. We ere driving to seek It was not surprising that to eiter the Treety which re-

publisly offered the Com- We have, therefore, no right mission's advice to the Council to exercise a veto and our of Ministers in the Perliament, fishermen are helpless pewne thet the EEC, should, on in this eltuetion. I em eure January 1, declare 200-miles flehermen will remember the ebout five miles off the coost unlisterally. The vexed quee- deboneir way in which Consertion then rameins - "How is vative statemen at the time this 200-miles to be served up? essured enti-marketsers like And will our flehermen get me that the Common Fleheries Policy would be re-negotieted

proposed by Mr. Prescott, Mr. Flehermen will note that et Preseott's resolution provided the Law of the See Conference Flehermen will note that et for a coestal fishing conserve- where the best fishing brains in tion zone et 60-miles con- the world were gethered trolled by the coestel state. together, the principle was He introduced other com- stated that no one serves promises, but at least 60-miles fishing waters better than the

Winlfred M. Ewing, MP. Morey end Neirn, 52 Queen's Drive,

## Shetland is not rocking the boat

15, (In trief), end egein in the for an exclusive 50-mile UK November lesus (Limit Split), limit — nothing else. reference was made to It is absolutely vital that the Shatlend islends Council press-ing the case for an exclusive limit for the islands.

unity of the British fishing in-dustry be maintained at this time. Any auggestion of

olear that this is not — and has weeken the fishermen's case, never been --- the policy of the . The Shatland lelende Councouncil. The policy throughout eli meintains the closest lieleon has been to press far the same with the Shatland Fishermen's exclusive UK limit (surrently Association and all recent ec-50-miles) which is demended tion has the approvel of both by ell the Scottish fishermen organisation while reserving the right to I would like your reeders to negotiete e speelel arrenge understend that Shetland is not ment for Shatland should it "rooking the boat" et the

ever become nacessary.
The present objective is en exclusive UK limit and, to this end, the council has made riumerous, representations to Government and has suthoris-ad a delegation to travel

SIR, in Fishing News Dotober wherever necessary, to press

I must make it absolutely "splinter groups" can only

"rooking the boat" et this eritioni time for the UK Industry - quite the reverse, is irue. J. M. Burgeas
Director of Research
end Development,
Shatlands (stands Council),
Lerwick, Shatland

Dorle Fishing Co. Ltd., maiden voyage. Since trawlers like Mory Agnes ianded e North Sea catch then she has operated in — which was bullt with a of traffic rates is thought but of blue whiting from the the Atlantic, off the north Bord Iascaigh Mhara

# raised

THE fire-gutted trawler is by other bauler fine Bengoli which aank at which operete alter Liverpool Docks in July routes, es opposed to was raised last week.

The engine was taken out service given by Les of the 75-footer soon efter the Trensport. fire and she senk due to rein and other factors. Now, nowever, she has been floated and pumped out by the firebrigade. Bengoli is owned by

Skipper Ron Helladay of Downhem Merket, near King'e Lynn, who may take on offer on the vessel as she

wooden 69-footer Triton

which eank with hull damage

of Brittany. She has now been

scraped after being raised 150

ft. and towed in and beached.

Outrop librairs & markers
Outrop librairs & markers
hydraulic streeting gast fice a
cutters — anamometers faces
blocks — whiches Carabyers/fice gas hosters. Poly, tope — at 12-41 sizes. PVC & nylon here manufacturing PVC reinforced oir bags, also using Bostlife causing rubbersess them or hiring them out. J. W. Automarine recently WRITE OR PHONE FOR PACE IS ANO DETAILS OF THE EQUIPMENT hired out some air begs to a firm to raise the French

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## November 18, 14 ROAD FOUR DIE IN 'SIOUX' RATES

died in a blaze on the multi-purpose trawler Sioux et North Shields on Thursday last week ROAD transport raterial field from Hull to some parts of the country jumped lest weekend.

Increeses ranging from per cent for fish to certain week.

All four had been drinking and wholesale merkels at a lied of carbon.

up to 25 per cent to ote markets, were the outcomed talks between Hull Fig. Aerchents Co. Ltd. end la Road Trensport Ltd. in main trensporter.

The reason for the inches the last 14 months sign nauloge prices were last is

sedeted and it could be He is Greham Hell. sedeted and it could be rie is distant from oven.

The other three crew "Their deaths would not be members, including Skipper painful end they probably John Olivera-Lota, are North inew nothing about the fire." Shields men who returned to The roroner, Brian Gallon, thair homes ashore infer district on the same deck level as the golley, a third was at the finot all the lives are lost at sec, but to die in horbour after a successful London's Billingsple market, end those withins to 80 mile radius of Hell ag not be affected by the life increeses.
Distribution to these

further laquiries into "the sc- Now, an appeal fund for twilles sod movement of the the dependents of the men was before the fire"

that they would be somewhet 21st birthday with bis femily. saueages were found in the

there had only been heat end until the new year. emoke damege in other perts.

If he fire damage was put in the region of £30,000 and a

Mureno disappeared in a repairs.

All four had been drinking all from the Grimsby area; galley around 3 em. Firemen hurricene eerly in 1975.

sad they died of carbon and Alexander McLeod (32) of Oulton Broed, Suffolk, result of the smoke.

The bodies were found in the gelley and sleeping Mr. McLeod was not a feer being eped by emerged by em the best's catch had been men, when the seven-man all certified as dead on with a catch of 186 boxes of landed.

A pathologiat, Dr. Ian had been allowed to leave McLeed, said: The elcoholic Sioux directly she arrived at level in their blood indicates North Shields to celebrate his level in their blood indicates North Shields to celebrate his level in their blood indicates North Shields to celebrate his level in their blood indicates North Shields to celebrate his level in their blood indicates North Shields to celebrate his galley stove where some of Grimeby end e spokesmer Salesmen) Ltd. organisation for the firm told Fishing News: "We are stunned hy

> in horbour after a successful trip is a terrible thing in

Sioux is equipped with an He peid tribute to the dead

tivilies sod movement of the the dependents of the men who died is being ast up on Tyneside by Superintendent as the mate, Dersek Peul Stephen Cross of the shouth (35), merried with two children; Roger St. Clare 133), married with two children; and Devid Roy to the boat when flames were Robinson (38), a single man, spotted coming from the Robinson

Grimshy fishing eince three number of ship-repairing men wore lost when the seiner firms will tender for the

AN outstanding White which sold for £30,841 - an See pletce catch has been outstanding effort. brought in by the Fieetwood alde trawler to give Ello Hewett.

This catch was not enough to give Ello Hewett top ship honours. This fell to the stern

fined to middle-water which continued en excellent grounds in recent months, but run under Skipper Bob er owners decided to send Rawcliffe.

her owners decided to send her to the Whits Sea.

Skipper Jim Buckley mede the long ateam and immediately found good fishing. She returned as early as possible to ensure the best possible quality with the result that Ello Hewett landed after only a 20-day trip.

She returned from Iceland with 1,461 kits, including more than 1,200 of cod and 100 of coley, which sold for \$37,236. ed efter only e 20-day trip — one of the shortest White Sea

# Our Boys being lifted on to a lorry for the trip from Cornwell to her home part of Poole.

Dougt, fishmonger.

registered vessel Our Boys
is seen about to set off on
200-mile trip to her
borne port from Cornwall
by road.

Our Boys, built in 1926 at long overall and weighs 16

The tune weighed in at 71-cetting overall and weighs 16

The tune weighed in at 71-cetting overall and weighs 16

Fighermen Ltd.

The tune weighed in at 71-cetting overall and pertner of Bournemouth. She is to be resented with a Gardner 6LX, new hydraulic net hauler trawling for mackerel batween the Lizard and the Wolf Rock lighthouse.

The 80 ft. Plymouth-based trawler is skippered by Chrie Spencer and owned hy a loosened the callking and she was leaking badly.

Leaked

Purchased two years ago by Laster of leaked badly and later, this bired to lift her at Penryn leaked badly and later, this bired to lift her at Penryn of Passage West, Co. Cork, louis to the west coast of seven to the west coast of ling when she developed for over a year, once heving to the local fire days at regulations fer the light. The crew brigade, has craige RF6 engine run-sold has been to his brother to light and with a Police series from a selected route.

Caulking and she was leaking bealty. Ltd.

Ltd.

Ltd.

O'DRISCOLL Boatbuilding of Passage West, Co. Cork, of Passage West, Co. Cork, from Emsworth.

The trip home, was to take the days at regulations fer the days at regulations fer the days at regulations fer the light. The crew brigade, daylight and with a Police series (RP) hulls en order.

Allas Craig RF6 engine run-sold has to his brother, both on a selected route.

The vessel has been con- trawler Boston Blanheim

She returned from Iceland

voyages ever made by a NEWLYN has had a rare

Fleetwood trawler.
She put ashore 1,125 kits, Including 1,050 of plaice, In bought by Cornwall

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slet in the mein flenge ellowe demagad rope to be guided on to en euxillery drum, without the need to stop the reels or winch. Those reels ere available in three sizes.

FISHING HYDRAULICS' Ropo Reols now being fitted to "SCARLET THREAO", a new veesel in construction at the Malehide Shipverd, Dubiln, and to "CELEGTIAL DAWN", en existing boet being fitted out

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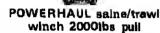
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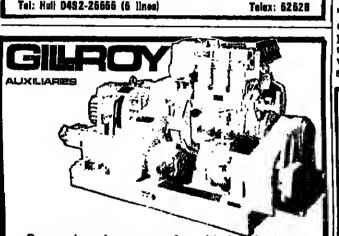
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ecores of letters from Sea Skin will protect un-readere faced with underwater corrosion presumably steel hulls as

shafts of their boats have lt could, therefore, be Eithar the propellers and basen suffering from pitting, skin fittings have been disintegrating or their rudders have been sbout to drop off

because of eroded fittings.
In most cases the solution
has seemed to be to fit
suitable cathodic protection
suitable Carting a propellar

enodes. Coating a propeller Middlesex. with plastic or applying a particular composition to the problem satisfactorily.

Now it is possible that coating a vulnerable fitting "OUR SMALL harbour is with a particular composition becoming so congested might provide a solution to that we often have to lie such problems which is both alongside the quay or

Developed by the American Sperex Corporation, which has had much to do with coatings for space creft, Saa Skin is a silicone "Fenders made of wood space to the space of the s

it forms an insulating layer bumping and boring without ment.

It uses kapok, for insulating between metal fittings and suffering damage and are If they are not what you in the lifejackets it great the suffering damage and are life they are not what you in the lifejackets it great the suffering damage and are life they are not what you in the lifejackets it great the suffering damage and are life they are not what you in the lifejackets it great the suffering damage. non-charged sea water. And it economical to use.

forms a skin which cannot oxidize and so affords protection against all other corrosive influences.

"Do you know if we can get the substitution and the substitution against all other corrosive influences.

"Do you know if we can get the substitution and it company is always quirements. And it company is always quirements.

well, against corrosion, but that it will also protect them

some for makers and users of

# metal fittings rarely solves CHEAP AND STRONG the problem satisfactorily.

economical and effective. For a product called Sea Skin has recently become available.

and round inflatable floats they are not too big to be yeers. And should were

coating designed to solve corrods bound together to form I understand that they ere round fenders made of broaden problems in two ways.

It has very high diaelectric used in auch circumstances. It has very high diaelectric used in auch circumstances. harges and lighters in the strength which minimises They cost little, would withstend a lot of punish- tand an immense amount of to withstand a lot of punish- and lifebuoys made of withstand.

want, the company is always to meet the 1960 SOLAS:

a very comfortable beat Although not made to

## Hydraulic prop system fical specifications, it is type of jacket you would to have handy when they The propeller used in this any risk of finding yours! ystem is dasigned to be the water. You can slip it

Turk's Haad, stem, fr.

quarter fender made en

of rops, it can supply the

of cork, it can also my

It uses kapok, for instant

Protection

Although funders, lifebox

Brewer's Bad could affect

damage when drums of

"Some time so you the centreline.

described a hydraulic "I think you said that the propulsico system devise equipment used was made in seconds.

The propeller used in this system is dasigned to be mounted on a shaft projecting from the propulsion motor which could not install an similar equipment is observed which is fitted outside a soat's hull. The boat's engine, which can be installed enywhere, is

coupled through a flexible drive to the variable output pump which transmits oil at high pressure to the propulsion motor. Having transferred energy to it, the oll ie raturned at a lower pressure to the pump inlet for re-circulation.

The propulation the propulation pany also makes a data teresting item known B is the standard in the propulation pany also makes a data teresting item to t

The propulsion motor can only be fitted to a flat surface. ly protect woodeo deck for Provided such a surface is available in a sultable position near the etern in an existing boat, or is mode available by the designer of a naw one, it can be fitted in rod fendera and of rod fendera sind of rod either shallow or deep other 'Fosco' product le draught craft. It can also be available from Fosbers and cross tube and used as a dustrisl Estate, Barker thruster.

# Ew. Marine propulsion system. Bequipment for employing a aystem known as the E. W. Marine Hydromatic propulsion system can be obtained from E. W. Marine Ltd., Dale Road, Selly Oak, Birmingham. It was originally designed to overcome problems often associated with installation, shock loads and vibration in conventional propulsi shaft drives. It consists of a heavy duty, variable output pump, a propulsion motor mounted in a streamlined housing a relief valve and three flexible tooses between pump and motor, plus an oil reservoir and motor, plus an oil reservoir and motor. The Easex. Picking the Call of the Picking the Call of the propulsion system can be obtained to reflex the problem of salecting and assistance in the problem of salecting suitable batteries to make power requirements, you may find a brochura recently assisfates bloyde Register of Some considerable assistance. It consists of a heavy duty, variable output pump, a propulsion motor mounted in a streamlined housing a relief valve and three flexible tooses between pump and motor, plus an oil reservoir and motor. It isses the factors which however muthic years and suitable for engine starting and supplying however muthic years of the propulsion motor mounted in a streamlined housing a relief valve and three flexible toose most suitable for engine starting and supplying output power and supplying output power and supplying output power and supplying and motor.

# New way to beat WFA sells last of Corrosion I HAVE received Not only is it claimed that ecores of letters from Ses Skin will protect unsecores of letters from Ses Skin will

trawler which remain-irawler which remain-Meanwhile, the other seven white Fish Authority reposseesed the eighterong fleat of trawler landed her msiden trip under the Taylor colours last Friday,

The WFA, however, would not release details of the naw owners as an earlier daal for the vessel fell through at a rafit in

# NEW BOAT

THE SOFT. stern trawler

Robinson & Sone grossing £11,374 after a 16-(Grimeby) Ltd., has day Farces/Westerly trip now been sold off. with Skipper George Loadss

Philadelphian, sold to a an advanced stage and it crossing the North Sea and wanted to make certain there are no anege before naming and Thessolonian had ell left the Humber port to join the Colne Fishing Co. st

Lowestoft.
This left only the 22-yearold Oliveon, also bought by Grimsby. But she was expected to leave for her new home port early this week. On the inshore scene, the

pictured belog towed out of shed in Fishing News. October 15, has been named as Sarlo and she may join Milford Haven's fishing fleet acon.

She was built in an old

She was built in an old railway shed by Brian Lewellyn, a marine engineer, with the belp of his father and

# teenage daughter. Saria has been purchased by the London-based firm, Russ Read, which plans to work her out of Swansea and

PERHAPS 1T would be as well to explain to those readers who do not know the geography of the markst that the main huilding is divided by seven alsies from front to back and four from side to side. Each of the side walls are lined with shops which have storage has ements helow and offices above.

There is a certain amount of competition to take over the chops with their added to take over the competition with their added to take over the competition to take the competition to take over the competition to take the competiti

There is a certain amount of competition to take over the ehops with their added convecience of instances in the second for a fourth successive month, was behind by 1,315 points in August and by 1,315 points in Augus There has, in recent years, also been the necessity to slocate businesses which were formally situated in the area north of Thames Street which is being

redeveloped.
As Interesting variation of this theme has recently
As Interesting variation of this theme has recently
securred. The firm of Minoh Wholesale Ltd. is a
relative nawcomer among the market traders, where

firms often count their age in generations.

It was alted on a rather narrow stand in the centre of the market, not on one of the favoured corner sites on the first lateral aieie, and its lobatar selling operations. lurther alsle away. s were conducted from

The business as a med to prosper, aided by some a such new lines as farmed salmon, Obviously more space was required, but earlierly was missing. The chances of Minch being offered a shop were limited.

With admirable initiative it found its own solution. The principal of the old established firm William Forbos Stuart, Alfred Johnson, fait it was tima to relife and he had n vary well sltad shop. A private agreement was reached: Forbes Stuert bacame part of Minch Wholesale and one fine morning the ilsud was vacasted and the shop was in full swing. All that now remains is for the lobstar atorage tanks to be installed.

15. (17) Ross Rasolution (BUT)

16. (16) Kingston Amber (BUT)

17. (15) Westella (Marr)

16. (18) Arctic Vandri (Boyd)

16. (18) Arctic Vandri (Boyd)

17. (15) Westella (Marr)

18. (18) Arctic Vandri (Boyd)

19. (19) Lord St. Vincent (BUT)

20. (20) St. Gerontius (Hamling)

20. (20) St. Gerontius (Hamling)

21. (18) Arctic Vandri (Boyd)

22. (20) St. Gerontius (Hamling)

23. (20) St. Gerontius (Hamling)

24. (20) St. Gerontius (Hamling)

25. (17) Ross Rasolution (BUT)

16. (18) Arctic Vandri (Boyd)

16. (18) Arctic Vandri (Boyd)

17. (15) Westella (Marr)

18. (18) Arctic Vandri (Boyd)

19. (19) Lord St. Vincent (BUT)

20. (20) St. Gerontius (Hamling)

20. (20) St. Gerontius (Hamling)

26. (18) Arctic Vandri (Boyd)

27. (19) Lord St. Vincent (BUT)

28. (18) Arctic Vandri (Boyd)

29. (19) Lord St. Vincent (BUT)

20. (20) St. Gerontius (Hamling)

hat now remains is for the lobstar atorage tanks to be installed.

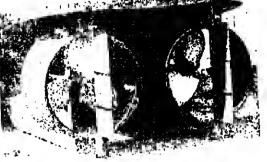
No doubt the noses of those on the waiting list for emove have been put out but here is an active trading campany fully utilising its premises, which is more than can be add for the occupiers of some of the skops.

Inoldently, Minch's former stand did not stay empty for long A. H. Butler moved to it from its stand in the remote back corner of the market, a move leading and liceted by the feet that it had been smaller and worked his way lose president of lowest and signed and structor at the navigation again to occupie the navigation and helped train hundreds of helped train hundreds of helped train hundreds of fishermen has been president of the market a move industry at a retirement. He was presented with an industry at a retirement. He was presented with an industry at a retirement industry at a retirement. He was presented with an industry at a retirement of the market a move in several control of the market a move in the remote back corner of the market a move in several fishermen, and worked his way in several fishermen. He was presented with an industry at a retirement industry at

(1) Hommond Innes (Newington) .. 1. (1) Hommond Innes (Newlight)
2. (2) Arctic Covalier (Boyd)
3. (3) Ross Trafolgor (BUT)
4. (5) Somerset Moughom (Newlington)
5. (7) C.S. Forester (Newington)
6. (4) Ross Altair (BUT)
7. (6) Ross Conoveral (BUT)
6. (10) Ross Sirius (BUT)
6. (11) Loch Eriboli (BUT) 16,396 16,591 9. (11) Loch Eriboli (BUT) ... 0. (6) St. Dominic (Hamling) Ross Orion (BUT) ..... 2. (12) Ross Leonis (BUT) 3. (14) Kingston Pearl (BUT) (9) Bensila (Morr) (17) Ross Rasolution (BUT) 26,223 25,304 25,058 24,660 23,796 23,750 23,750 15,941 4,610 Kingston Amber (BUT).
Westella (Marr) 15,492 23,796 14,608 23,750 15,863 23,801 16,077 23,092

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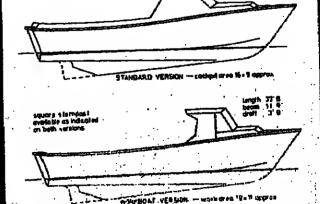
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connects with the Cosalt fish weshing mechine (acen hingad back behind



Above: Gian Clova's Humber St. Andrews hydreuilc towing block, Selow: e corner of hor whealhouse showing one of the Furuno echo acundars (left) end the furuno FRS 48 reder.



trawler to join the Aberdeen fleet is the 90ft. Glen Clova built by Cubow Ltd. of London for J. Marr

Aberdeen). She ie fiehing under Skipper Kenneth Welker and anded her maiden cetch laet

Aithough eimilar in general layout to other pocket trawlers in the Aberdeen fleet, she hee a number of significant differences.

With en overall length of 89ft. 9 in. end moulded beam of 23ft. 6 in., she is larger than the other local 'pocket' vessels. Her fishroom capaci-ty is larger et 5,500 cu. ft. and he ie also more powerfui. Glen Clova ie the firet Aberdean pockat trawlar to

come from an English buildar ln recant yeare. She is a very sturdy looking raft with a transom stem, well flared bow and soft noce etam. She has quita a deep

An unusual faature for a pocket trawlar ie that her lnes below tha waterline, forward, are formed into a bulbous bow. With a registered length of 79ft. 11 don bil ln., eha hae a moulded dapth of 13ft. and is classified at Supr

cycla, turbo-charged and frash weter cooled diesel engina which hee e con-tinuous servica rating of 700 engina. Operation is by a Clutchas, brakes and

It has a maximum continuous rating of 770 bhp at 413 rpm and is capable of sustaining an overload of 840 bhp for helf-an-hour.

hand lever in the engineroom or through a hydraulic control in the wheelhouse.

Electrically-driven equipment fitted in the engineroom includes a Hemworthy sir

peckege, including propaller, chafting and controle, are of Alphe euppiy.

A 35kW 415V, three-phase, 50 Hz, Stamford e.c. aiternetor ie belt-driven from e power take-off sheft at the driven from the engine is a bilge and ganerel service pump by Alpha.

Pelican Engineering Co. (Saice) Ltd. of Laeds essembled and supplied the two auxillary sets which are based on Gardnar 8LX sixcylindar and freeh watar cooled diesal engines.

started by hand and devalops 102 bhp at 1,280 rpm. It providae power for a 35kW

includee a Hemworthy sir are litted at compressor, Mono domestic which have thrae-bladed controllable fresh water end see weter pitch propeller which hea pressure sots, a Maeg Milano nickel eluminium bronze standby luba oil pump for the Andrew bledas. The entire propuleion peckege, including propaller, Gilbert Gilkes and Gordon 'J' board. type fuel transfer pump.

The electrical eystem works at 414V, three-phese, 50 Hz and is fed by the 35kW elternotore on the mein end auxiliery engines. Stendby fora-end of the engine. Also lighting is provided at 24V driven from the engine is a d.c. from batteries which are charged from a CAV elternator drivan from one of the euxiliary engines. L.E.C. Marine supplied the on the

fuel oil are carried in tanke port and starboard in the engiuaroom, aleo in tanks The starboard unit is fitted port, starboard and started by hand and devalops centre below the fishroom. Tha daily service fuel tank

Lloyds as +100 A1 Trewler.
Propulsion is provided by a
B. & W. Alpha 407 26 VO
eavan-cylinder, two-etroke
cycla, turbo-charged and fresh water cooled discal pump through a gearbox with a capacity for 780 which is clutched to the fathoms of 24 in. warp.

Gutted Lt

don bilge and general service pump.

Supplied with electric etaring from its own battary, the ort angina davalope 119 bhp 1,400 rpm and drives the ydraulik Restaurance of the deckhoues, is that have a supplied with electric staring from and drives the ydraulik Restaurance of the deckhoues, is that have a supplied with electric etaring from and drives the ydraulik Restaurance of the deckhoues, is that have a supplied with electric etaring from its own battary, the ort angina davalope 119 bhp 1,400 rpm and drives the ydraulik Restaurance of the deckhoues, is that have a supplied with electric etaring from its own battary, the ort angina davalope 119 bhp 1,400 rpm and drives the ydraulik Restaurance of the deckhoues, is that have a supplied with electric etaring from its own battary, the ort angina davalope 119 bhp 1,400 rpm and drives the ydraulik Restaurance of the deckhoues, is that have forward and of the flehroom is served by a acuttla fitted with a Kempsafe type which carria the fitted with a Kempsafe type fitted with a

Units from Redifon include two Furuno FUV 11 Univer-

The combined galley and

provided in the deckhouse in-cludes a cabin for the skipper, out Glen Clova is of John a two-berth cebin for mate Henry Clork manufacture in-and engineer, plus toilet ond cluding the shot-blast primer.

around 4 ft. longer then most of the port's pocket trawlers. fore end of the deckhouse. Right: looking aft along the trawl dack. When fishing a chuic is with a beam of up to 22ft., he balow the wheelhouss. It is fitted between the fish washer and conveyor (bottom right) ing pawered by engines of up fitted with a Kempsafe type which carries catches to the Shetland gutting mechins.

Other eccommodetion L. and G. Fire Appliance Co.

Aherdeen. They have been

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making their third round-trip to the Continental markets. During the last fishing season, some travelled as far as America and Russia The easy drum. All the sales talk in the world means nothing next to the opinion of the men who actually pack and unpack the fish the men who handle the full barrels. Their verdict? Bowater Mauser has the best shape for getting the job done fast and easily The quality drum. More and more people in the industry who deal in high quality fish are now turning to Bowater Mauser - the high quality barrel. Just as important for the future, highly critical hering mackerel consuming countries like Germany, Holland, Belgium and France have all taken to Bowater Mauser in a big way too.

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Bowater MAUSER

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# and sugmest, plus toust ond slower facilities. Bunks for first roomy and houses alactronic facilities will equipment supplied by and Tenfford H115 ESG and Tenfford H115 ESG in the necommodation and hydraulic etsering gear. and sugmest, plus toust ond chiding the shot-blast primer. Jotun Henry Clark point for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side for larger and older side with gutting machines: also for larger and older side with gutting machines: also for larger and older side for larger and ol Browse's offshore 'Crusader

wile pot hauler.

ander is built to lines by Gary Mitchell and by Gary Mitchell and cond on prayious 50 and condition Mitchell's

traditional standards it frames and timbers who planking, while the standards and superatructure constructed from a plywood on iroko it. The baam of the standards, a line sengine compartis located emidshipaths lish hold forward as secommodation.

is it and draft, a forward.

Is a engine comparticated emidahipa, if the racantly-introduced for a hauling epsed of 300 fpm. The unit rune at constant epsed under control of the crew.

Is a beith a for four in a secommodation, set. The unit rune at constant epsed under control of the crew.

Designed and manufactured by South Western Mediately bahind the tured by South Western Mechanised Flehing, the said the gas bottles. Ray Burn of Plymouth.

Ray Burn of Plymouth.

A tubular steel gantry with

The forward and of the hatch, the foredack is clear. The wooden boats com- layehaft the Hamworthy The mizzan maet supports a bot eafaty etan-hydraulic pump via a clutch, and this has meent that the 1½ in. Gilmac bilge and the 1½ in. Gilmac bilge and deck wash pump with integral clutch and a 90 amp alternator. This latter is in addition to the normal 70

raid has done this amp angine driven alternator.

Four similar GRP contents a strong series of the strong series o two on each elda of the engine and these hold a total of 1,600 corner of the engine compart-

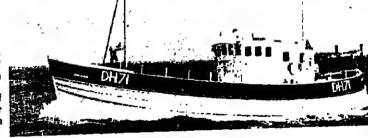
Itom Mitchella in a separate of the Browse crabbing angina compartment are mounted the electric-hydraulic pump for the stearing gear and the oil-firad heater for the whealhouse end are mounted that better for the whealhouse end heater for the whealhouse end are mounted that the oil-firad heater for the whealhouse end heater for the whealhouse end are mounted that the oil-firad heater for the whealhouse end heater for the w

The fieh hold forward houses the recarvoir for the hydraulio eyatem. This powers the Celtic Slava pot hauler mounted to starboard, forward.

A Gardner 8L3B diasel an arm extendible over the produces 230 hp end drives sida by means of a reck and produces 230 hp end drives sida by means of a reck and produced a Twin Diac gearbox, pinion eystem, supports the through a Twin Diac gearbox, pinion eystem, supports the through a Twin Diac gearbox, pinion eystem, supports the rader. Decca Mk. 21 reduction. The angine, gaar-box and shaft bearings are all mounted on the same steal tubular staye.

The whesihousa contains a comprehensive array of electronics including a Decca 110 rader. Decca Mk. 21 Navigator end a Simrad EY sounder. Tha redio installations comprise a 'Sailor' Turn to page tan arm extendible over the comprehensive array of electronics including a Decca 110 rader. Decca Mk. 21 Navigator end a Simrad EY sounder. The redio installations comprise a 'Sailor' Turn to page tan arm extendible over the comprehensive array of electronics including a Decca 110 rader. Decca Mk. 21 Navigator end a Simrad EY sounder. The redio installations comprise a 'Sailor' Turn to page tan arm extendible over the comprehensive array of electronics including a Decca 110 rader. Decca Mk. 21 Navigator end a Simrad EY sounder. The redio installations comprise a 'Sailor' Turn to page tan arm extendible over the comprehensive array of electronics including a Decca 110 rader. Decca Mk. 21 Navigator end a Simrad EY sounder. The array of electronics including a Decca 110 rader. Decca Mk. 21 Navigator end a Simrad EY sounder. The array of electronics including a Decca 110 rader.

tha Srowse Bros. orebber Crusader. The B8-footer has en 18 ft, beem and 7 ft, 6 in, draft.





can be thoroughly tested end requirements for boets up to evaluated before they go into 100ft. long. Above this size e

The advantages are meny: at sea production costs ere reduced: much more time and effort is spent in getting the vshicle right; and, above ell, the prototypes ere thoroughly tested and checked so that the sefety of the production modela cen be guaranteed.

We see this particularly in aircreft where a certificate of eirworthinesa has to be isaued before the plane can be used Cars ere similarly tested for safety and to make sure that feults will not occur once the car ie in use. Why, then, cannot such a system be used for

fishing boats?

A few firms ere building standerd fishing boat hulle particularly, of course, the GRP builders. From this point on, moet boats are requirements so that each A hook in the arm is the cort

Most fishermen eccept owner to do If he wants to do their boats from the huilders so, but most don't because it after only a couple of hours increesee cost. Mnat ownere trial run. This is all the WFA are heppy to assess their craft to be ironed out. ty rules call for an inspection of the boat and a stability test—not even a run at see to assess how the boet behaves.

I em not suggesting thet more serious teating of in-divided and the process of th

lot more is known evout the see, so that by the time it goes more positive approach to

Many fishermen will throw up their hands in horror at this suggastion. Most consider that the testing programme, not only would fishing boets be sefar, of fishing and the locel conditions demand a particular type of boat.

This would have been two.

type of boat. throw up a lot of useful infor-This would have been true mation about the behaviour many years ago, but modern of smell craft at see. This in-

Look at the Cygnua Marine GRP boats for instance. Advance Their standard 32-footer has An epproach such as this been cold for use in many would be much more likely to perta of the British Isles and produce long-term imin several foreign countries. provements than the present

Standard boate such as complacent attitude of the these already exist, but their engines end layout varies from boat to boat, so in effect recently steted in e paper

nore serious teating of in- development of etenderd. A dozen or so stendard years time it mey be possible dividuel boate ahould be designs of fishing boets which designs ehould meet most to see e reduction in

cesueltiee from the statistics. This could be due to the introduction of the safety rules, but it could equelly be because the economic climete affecting the fishing industry has weeded out meny of the older and potentially more

engeroue creft. With the industry in its resent state of flux, it's going o be herd to draw eny the cesuelty figures even assuming thet they went into

No. I don't think the rules are a tremendoue edvence in efety. And on another point, the DoT eaid thet it wea go-ing to back up the rules with eseerch into some of the problema which they hed hrown up. It would be interesting to know just what esearch is being done.

Accidents

Progreas raports would be very welcome and should cer-

by Adlerd Coles Ltd. It's celled by Adlerd Coles Ltd. It's celled First Aid for Yachtsmen, but don't let that put you off beceuse it is written by e doctor with e lot of practical experience.

Robert Howerth goes to see on Bermouth lifeboet end ettends to many of the troubles afflicting Bermouth liquid flux lasting 200 hours.

A for hatter in continuous operation in continuous operations three years in the damanding three years in the years in

THE White Fish Authority has resulted its fishermen's training courses and six are to be instanting the standard during the The prototype of each standerd design can become a floating test bed and be put through a series of savars tests, both in harbour and at the standard designs? This is where the DoT could show a much more positive approach to troduced during the

into production it is a safety.

If it sponsored the develophydraulica enginaers and
fishing

e smeller capacity hydraulic motor end this enebles it to be used on lower cepacity fishing boet designs heve formation is eadly lecking at mede boets suitable for a present.

The most common problem with hydraulic gurdy in- Spenoer-Carter's letter to stalletions ie thet fishermen require very low revs on the would be much more likely to main engine to maintain etation over a shoel, with the operator to power fire result that the engine-driven through the stripper and pump cennot deliver enough halt instantly if a foolbook fluid to operate the gurdy efcomplacent attitude of the

One way round this wea to easily-fitted self-seal come requirements so that each boat has to be tested of fishing occupity oovered by separately, with the result that there is very little testing carried out.

This is up to the connector is a going to be of benefit, then the boats will have to be stendard out.

This is up to the connector is steaming. The pump with the each boat is still individual. If the presented to the gear up the pump with the eid tors: the femsls cometred which he presented to the gear up the pump with the eid tors: the femsls cometred to the standard of different sized pulleys, but are fitted to your own only find the action of the pump with the eid tors: the femsls cometred to the standard of different sized pulleys, but are fitted to your own only find the action of the pump with the eid tors: the femsls cometred to the standard of different sized pulleys, but are fitted to your own only find the action of the pump with the eid tors: the femsls cometred to the search boat is still individual. If the thorough testing I suggest is going to be of benefit, then the pump with the eid tors: the femsls cometred to the search boat is still individual. If the thorough testing I suggest is going to be of benefit, then the boats will have to be stendard of the pump with the eid tors: the femsls cometred to the search boat is still individual. If the pump with the eid tors: the femsls cometred to the gear up the pump with the eid tors: the femsls cometred to the standard of different sized pulleys, but are fitted to your own only for the pump with the eid tors: the femsls cometred to the problem. When the eid to the standard of different sized pulleys, but are fitted to your own only fitted to your own only for the pump with the eid tors: the femsls cometred to the standard of the pump with the eid to the pump with the eid tors: the femsls cometred to the pump with the eid tors: the femsls cometred to the pump with the eid tors: the femsls cometred to the pump with the eid tors: the femsls cometred to the pump with the eid tors: the femsls cometred to steaming, the pump is turning snapped in. fer beyond its designed speed, When, for instead to usuelly 3,000 rpm.

Spencer-Carter developed loading, male connects e clutched pump incorporet- which have been fitted with ing e precision-mede oil beth capstan pipes are clipsel: clutch, which hes proved very to the control valve. succeaeful. Like ell well engineered pieces of equip- when fishing e few feet water ment, however, it is rether ex- the boat, it is quicker to se

I em now using a Spencer-Certer gurdy on epproval, their own with deeper fits and, heving only a low Frequently, helf strings capecity pump, the firm lerge fish are found dept supplied the smeller capecity 20-30 fathoms. Healing using When working heed to operator, but hydraulic

wind with the mein engine at leeve the operator fresh-500 rpm pulley retio 1:1, the gurdy performed well. A very gurdies is that the fight. mooth dog clutch engeges lines necessary in entthe drive, the gurdy wheel being merely pushed sideweys to engage. The gurdy wheel is mounted on a roller race (something which would improve the standerd hand gurdy) and turns very freely. work es many hooke as the

dy) end turns very freely.

An automatic stop lever is fitted as standerd, but the line guide eye is rether big, needing e very lerge swivel or heads the standard and the length of the beed on the trace to operate which is very tiring manually it, with the result that it will not go through the stripper. cheep, but giveo steady This is to be rectified shortly. fishing it can sono repay the

The control velva is very cost. positive, enebling the

Mertyn Melhulih

At £260 the guidy is to



dreuile gurdy - very unit

the gurdy menually. But

hydreulics reelly come

require the capetan has

special courses can be errang-

however, the WFA's flume The course runs for 21 days missioning new systems.

The course runs for 21 days missioning new systems.

Designed as o naturel

Engineroom; Hydraulics for Fisherman; Palsgic Fishing; Gear Technology for fishing Gear Technology for fishing and Preservetion at Sea; end Marins Science for Fishermen.

The government-finenced Training Services Agency is helping the WFA with funde to develop the course which see free to bona fide members of the UK fishing industry.

The government-finenced to develop the course which see free to bona fide members of the UK fishing industry.

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The government-finenced to detect the WFA with funde to the first course will be held et the Hull College of Hydraulics from Januery 31 to Fohruery and the deepaen gaer course.

The first course will be held et Hull from Januery 31 to Fohruery 4, 1977. It will be perticulately from Januery 31 to Fohruery 4, 1977. It will be perticulately from Januery 31 to Fohruery 4, 1977. It will be perticulately from Januery 31 to Fohruery 4, 1977. It will be perticulately from Januery 31 to Fohruery 4, 1977. It will be perticulately from Januery 31 to Fohruery 4, 1977. It will be perticulately from Januery 31 to Fohruery 4, 1977. It will be perticulately from Januery 31 to Fohruery 4, 1977. It will be perticulately 5 first course will be held et the Moral Although primerily aimed at fishermon, it should also he of First course will be held et the Moral Although primerily aimed at fishermon, it should also he of fishermon.

The first course will be held et the Moral Although primerily at the deepaen gaer course.

The first course will be hel

them on a fee-paying beals, or the Eoglnaroom

include Lowsstoft, North refrigeretion systems, remote covered. Shielda. Eyemouth, controls, eir pressure The course will ond with Pittenweem, Peterheed, systems, bilge end eee-water lectures on the solection of circulation, end cookers end drive components, in which

facilities - are required. So ly be expected to ettend the follow-on from the one on

helging the WFA with lumbs of to develop the courses which ite navigetion and fishing erefree to bona fide members simulator.

The course will start with the course will make use of the UK fishing industry.

Oversease students can take

Oversease s the Eoglnaroon struction in the cere and operation of these inthe Eoglnaroon meintenance of hydreulic atruments on the simulator held for the first time from catch on heard fishing vessels to be primarily simed at requests from inshoremen which this 2½ day course has members will practice interpretation of the simulator held for the first time from catch on heard fishing vessels at the primary 7-11, 1977, et the will be primarily simed at whose vessels do not carry a been designed to meet

The use of the WFA's deal with electrical systems, ty/Mastro and Norwinch) mobils training unit will including generators, motors, will be described in detail. enable training in engine stertera, batteriea end will be described in detail. maintenance and hydraulics cethodic protection. Safety be held away from the precautions in the use of electors will be stressed. The wished in coming months treining will linish with the process of Morse courtols will be stressed. The setting-up and meintenence of Morse courtols will be be provided I ownered.

troduced during the next few months.

They are: Care end Meintenencs in the Engineeroom; Hydraulics for Engineeroom; Palagic Fishing:

And they are the participents of the participents own ideas.

Keenly awaited by the inshoremen, this course is going to be avery bit as popular as

The practical courses will be short (from 2½ to 5 days) and lean heavily on demonstration and involvement.

The WFA is a resserch and development organisation of new souloment and one tearry eleging to meet.

It will atart with lectures on the application of hydraulics the application of development organisation The course will start with different types of valves, they will experiment with training will be different trigging into three parts, covering in leacter in through a concerned with the introduction of new squipment and techniques and so the courses will start with different types of valves, they will experiment with training will be of officed into three parts, covering in leacter in through a components. Then it will be shore training will be shore training will be converted into three parts, covering in leacter in through a components. Then it will be shore training will be shore training will be shore training will be converted into three parts, covering in leacter in through a component with the simulature where the course will examine live different trigging into three parts, covering in leacter in through a component with the simulature where the simulature where the course will examine live different trigging into three parts, covering in leacter in through a component with the simulature where the course will examine the course will exa

different types, and outline the meintenance which can as the instructors all go to sea and in herbour. In jectora, lubrication asystems, etc., have a wide knowledge end experience of commercial vassels, they fishing as well as R & D work.

The cuse of the WFA'a mebils training unit will be covered.

The course will go on to metal types, and outline the meintenance which can the meintenance will be done of sea and in herbour. In jectora, lubrication asystems, etc., will send the meintenance of the meintenance which can the meintenance which can the meintenance will be done of sea and in herbour. In jectora, lubrication asystems, etc., will send the meintenance of the meintenance will be done of the domonstrated.

This will lic fullowed by meneeuvre the net on the perimenting with different rigging voriationa in the tank. The ourse in accounts fish meneeuvre the net on the periment of the meneeuvre the net on the s

The course will then go on to discuss freezing at sen, with demonstrations of freezing species including cod, herring, muckerel and blue whiting. The course will tinish with discussions and demonstrations of fish processing machinery, in-

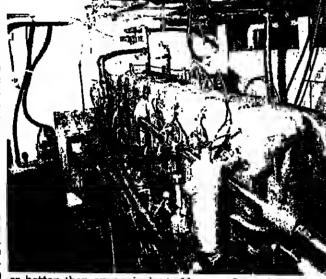
# WHITE FISH AUTHORITY TRAINING COURSES

1976			19/7 Continued			
			MAY Sighter Teached by for distent weter			
DECEMPER	B to 10	Flehing geer technology for distent	HULL	2 to 6	Fishing gaer technology for distent water fishermen.	
HULL	B to 10	weter flahermen	BUCKIE	9 to 13	Cere and maintenence in the engineroom hydreuilca for fishermen.	
1977			BUCKIE 16 to 20		Acoustic fish detection.	
JANUARY		Flehing geer technology for distent	JUNE	1 to 3	Fieh handling end preservation at sea.	
HULL	3 to 7		HULL , HULL	8 to 10	Fishing gear technology for interiore	
NORTH SHIELDS	10 to 14	Cere end maintenence in the enginerount	, NOLL		fiehermen. Cere end meintenence in the enginercom	
Mainti Officepo		hydreulica for fiahermen. Acoustic fish detection.	GRIMSBY	13 to 17	hydrautics for fiehermen.	
NORTH SHIELDS	17 to 21	Pelagic fishing		20 to 24	Acquetic fieh datection. *	
* HULL	31 to 4 (Feb)	Letagic names	GRIMSBY HULL	27 to 29	Merine ecience for fishermen.	
				FREE to bone fide	mambers of the UK fishing industry.	
FEBRUARY		Flahing geer technology for inshore	Overeses stude	ints era eleo edillicte	d on e fee paying basis or specialised courses	
HULL	7 to 11		can be errenge	id.		
EYEMOUTH	14 to 18	flahermen.  Cere and meintenence in the engineroom  Hydreulice for flehermen.	APPLICATION			
EYEMOUTH	21 to 25	Acoustic fish detection.	The Treining White Fish	Sevelopment Unit,	FORM	
MARCH		Fish hendling end preservetion et see.	Hull HU3	e Dock. 40E	WFA	
HULL	2 to 4	Figh hendling end preserved.  Fighing geer technology for diatent weter	- Telephone:	0482-27837		
HULL	7 to.11	fisharmen.	Talex: 527	281		
PITTENWEEN	14 to 18	figharmen.  Cere and meintenence in the engineroom hydreulice for fighermen.		tive to encel for the	COURSE In.	
PITTENWEEN	21 to 25	Acouetic fieh detection.		COURS		
			Date of	COURT	Lange the following COUTER:	
			Please #	end me more details	ebout the following course:	
APRIL		for Inshore	431331434141		442004444444444444444444444444444444444	
HULL	4 to 8	Flahing gear technology for inahore flahermen Cere and meintenance in the angineroom	(* Dele	te es eppropriete)		
PETERHEAD	11 to 15	1-2-1100 TOT TIPLE IT INTO	Neme and	afidress	ngangaga loganga pananganga panganganga pangabangan pangahan dan dan pangangan dan bahan ganganganggan manangan dan dan manangangan manangangkan dan gangan mangangan bangan manangan dan bahan bahan bangan bahan bangan b	
PETERHEAD	18 to 22	Acoustic fish detaction.  Marine science for fisherman.	10 de 20 de	ici aqua saybatos es acipatal con see	pipinani) ogan indigade navigade ninde propadie o napre pagie ha regani er ife natiebyber in plant gant gant bende	
HULL	27 to 29	Carbor Education Faculty of	Telephon	November		
This course is mi	n in conjunction v	ith the Hull College of Higher Education Faculty of	en e			
Maritime and Fnot	neering Studies.	第二十二章 · · · · · · · · · · · · · · · · · · ·				

R 104 M/F receiver, a 'Seilor' T 121E M/F trenamitter, 'Sailor' RT 144 VHF and e Mermald 23 watch receiver.

Wills Ridley electric hydreulic system connected to a Sharp Skipper autopliot with wetch elarm. A Kent Clear-View screen is fitted to the centrs window of the wheelhouse. On the wheelhouse top are mounted the Fiam horn, deck loud hailer, Froncis eearchlight and eix-man RFD liferaft.

protected by en eutometic fire detaction system — a prototype produced by Tee Ald Electronic Ltd. The com-







plex electricel system on this vessel has been carefully installed end breeker panels in very welcome and should certainly be of interest to the ln-tainly be stalled end breeker panels in the wheelhouse giva immediate control.

Crusoder hea a speed of nine knots and, if pest experience is anything to go by, she will have a life as good as

Dag Plka.

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Dag Plka.

Crusoder hea a speed of nine work is in progress. Also welding at a eaving of up to 30 per caot in lebour coete has bean introduced by CTG Davelopmente is almost eliminated.

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Crusoder hea a speed of nine work is in progress.

One very different subject, elthough very much connected with eccidents et see, is an ew book just published by Adlerd Coles Ltd. It's celling work is in progress.

One very different subject, elthough very much connected with eccidents et see, is an ew book just published by Adlerd Coles Ltd. It's celling work is in progress.

The unit, which introduces the sea falling work is in progress.

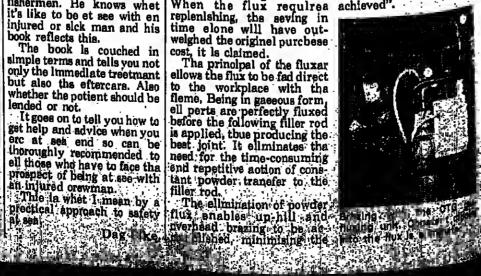
The unit, which introduces the sea of the same is a seven on the sea of the same in the same into a second in the progress.

The unit, which introduces the sea of the same is a sev

book reflects this. The book is couched in simple terms and tells you not

troubles afflicting Bermouth liquid flux laeting 200 hours. A far better end refishermen. He knows whet it's like to be et see with en injured or sick man and his time elone will have outwelghed the original purchese

cost, it is claimed.
The principal of the fluxer



Maritime and Engineering Studias.

## TOP LANDINGS LAST WEEK

### GRIMSBY

Distant water £50.612: Ross Ramillies, BUT (Sk. Platten), 1,327k, WS, 25 days. E27,264: Ross Khartoum, BUT (Sk. B. Boyce), 977k, I, 22 daya. G. Cunningham), 1,017k, I, 22 days. 227,001: Huddersfield Town, Consol (Sk. F. Kirby), 982k, I, 24 days. £19,643: Ross Juno, BUT (Sk. A. V. Meech), 709k, WS, 24 days. £15,892: Volesus, Boston (Sk. R. Evana), 839k, I, 17 days.

### Middle water

E17,843: Ogano, Taylor (Sk. G. FLEETWOOD Drewery), 564k, F/W, 16 daye. E16,572: Ross Tiger, BUT (Sk. D. Avsry), 893k, W, 14 days. (Sk. R. Raw 215,888: Ross Cheetah, BUT (Sk. T. Ross), 812k, 15 days. £14,504: Ross Lynx, BUT (Sk. D. Cooper), 898k, W, 15 days. £14,046: Erimo, Taylor (Sk. G. Smith), 524k, F/W, 18 days.

### North Sea

£7,934: Lofoten, Lindsey (Sk. H. Burgess), 231k, NS, 13 days.

£6,108: Helen Mona, Richardson (Sk. A. Svendsen), 221k, NS, 17 Anderson), 149k, NS, 18 days.

£4,708; Edlei, Sleight (Sk. L. Gravesen), 222k, NS, 14 days.

£4,247: Frembek, Richardson (Sk. E. Josefsen), 143k, NS, 18 days.

£4,088: Tonana, Sleight (Sk. A. Lunde), 135k, NS, 22 days.

£3,463: Scarlet Line, A.F. (Sk. J. Wankie), 10,188kl, NS, 4 days.

£3,382: Ino McBain, A.F. (Sk. J. P. Williams), 281k, 14 days.

£7,128: Andrew Wilson, Hazael (Sk. F. Thompson), 239k, 14 days.

£6,024: Replenish, Ward (Sk. M. Oldman), 230k, 15 days.

£2,963: Charmor, Hewstt (Sk. O. Jenson), 102k, 14 days.

£2,963: Charmor, Hewstt (Sk. O. Jenson), 102k, 14 days.

E No

£11,608: Sonia Jane, (Sk. D. Bewley), 398k, and £10,673: Anna Michelle, (Sk. M. Josefsen), 326k. both John R., NS, 10 days. 24,070: Ellen, (Sk. A. Thinnesen), 282k, and £3,850: Melissa Louise, (Sk. M. Clark), 198k, both Richard-

£38,097: St. Giles, Hamling (Sk. D. E50,612: Ross Ramillies, BUT (Sk. D. Scott), 1,806k, I, 22 days.

£48,937: Northern Gift, BUT (Sk. D. Pulfrey) 1,664k, I, 21 days.

£30,479: Boston Phantom, Boston (Sk. T. Smith), 1,124k, I, 22 days.

£27,971: Blackburn Rovers, Consol (Sk. E. Cotton), 1,068k, I, 22days.

£27,522: Belgaum, Boston (Sk. C. Newton), 997k, I, 27 daya.

£50,612: Ross Ramillies, BUT (Sk. Platten), 1,327k, WS, 25 days.

£36,047: Ross Orion, BUT (Sk. A. days.

£31,749: Ross Otranto, BUT (Sk. WS, 23 days.

£33,903: Ross Canaveral, BUT (Sk. WS, 23 days.

£31,073: Loch Eriboll, BUT (Sk. WS, 23 days.

£28,235: Ross Leonis, BUT (Sk. T. Wilson), 368

£28,235: Ross Leonis, BUT (Sk. T. Wilson), 368

£28,235: Ross Leonis, BUT (Sk. T. Wilson), 368 £35,913: Ross Otranto, BUT (Sk. W. J. Banyard), 783k, S, 10 days.

£37,380: Boston Blenheim, Boston £12,200: Arctic Crusader, Liston (Sk. R. Rawcliffe), 1,481k, 21 days. (Sk. J. Robb), 724c, NS, 13 days. £28,006: Boston Explorer, Boston £9,866: Arctic Invader, Liston (Sk. (Sk. W. Anderson), 924k, 21 days. £25,526: Fyldea, Marr (Sk. J. Burns), 958k, 19 days. £20,512: Wyre Vanguord, Wyre (Sk. B. Hargreaves), 789k, 21 days.

£17,285: Wyre Defence, Wyre (Sk. G. Wright), 858k, 21 days.

### White Saa

£30,841: Ella Hewett, Hewett (Sk. J. Buckley), 1,125k, 20 days.

Jenson), 102k, 14 days. £2,819: Craigmillar, Ward (Sk. J. Jackson), 99k, 14 days. £2,569: Neils John, (Sk. C. Nsal), 85k, 6 days. £2,440: Susan Bird, Bird (Sk. D.

Reader), 92k, 14 days.

£18,655: Ben Wyvis, Irvin, (Sk. A. Campbell), 778k, F, 17 days.
£16,761: Scottish King, North Star (Sk. G. Smith), 996k, S, 13 days.
£13,253: Janwood, Wood Group (Sk. J. Smith), 574k, F, 16 days.

£12,065: Scottish Princess, North Star (Sk. A. Cockburn), 688k, S, 13

A. days.
£11,747: Arctic Explorer, BUT (Sk. W. J. Banyard), 783k, S, 10 days.

k. LOWESTOFT
£12,108: St. Mark, Colne (Sk. J. £12,108: St. Mark, Colne (Sk. J. £12,108: St. Mark, Colne (Sk. J. £13,0649: Chudleigh, Putford (Sk. G. E0.60; filleted kippers, £4,50/£6, go merchant's stalls: soles, tongues, 40p/50p; alips, 50p/65p; medium, 70p/£1.80; large, 50p/65p; medium, 70p/£1.80; large, 51.30/£1.45; eels, 75p/80n; foreign smoked salmon, £3, per lb. large turbot, £15.40/£10.t0; medium, £8.40/£11.20; emslt, £4.20/£7.70; medium, £8.40/£11.20; emslt, £4.20/£7.70; medium, £8.40/£11.20; emslt, £4.20/£7.70; medium, £12.60/£7.80; large helibut, £12.60/£7.80; large helibut, £12.60/£7.80; large helibut, £12.60/£7.80; large witches, £3.50, per bushel; mondo, £8.50/£7.80; lerge witches, £3.50, per bushel; mondo, £8.50/£7.80; lerge witches, £1.40; English cockles, £1.54/£7 gallon.

## £31,073: Loch Eriboll, BUT (Sk. W. C. Collins), 1,103k, WS, 23 days.
£28,235: Ross Leonis. BUT (Sk. T. B. Boyce), 977k, I, 22 daya.

\*\*Selners\*\*

£4,807: Christiansborg, Boaton (Sk. H. Dam), 188k, 20 days.
£32,263: Falkenborg, Boston (Sk. E. (Sk. V. Crisp), 383k, NS, 12 days.
£10,092: Boston Sea Knight, Boston £2,191: Rosenborg, Boston (Sk. V. (Sk. A. Lincoln), 345k, NS, 11 days.

Dam), 128k, 22 days.

£12,108: St. Mark, Colne (Sk. J. g.7.70/£9.10; selected lemon sole. 23.50, per bushst; mond. 28.50/£7.80; lerge witches. 28.50/£7.80; lerge witches. 28.50/£7.80; lerge witches. 28.50/£7.80; fillsts, shelf cod. 28.80/£7.80; bulk. £6/£7; leelend, coelfish, £3.40/£3.50; fillsts, shelf cod. 28.80/£7.80; bulk. £6/£7; loelend, coelfish, £3.40/£3.90; home woter heddock glbbers. 28.50/£3.80; jumbos. 24.70/£4.80; selected whiting. 24.40; L46; English cockles, £1.40; English cockles, £1.40;

£14,590: Arctic Riever, Liston (Sk. A. Wanless), 632c, F, 15 days.

### NORTH SHIELDS

£14,468: Ben Glas, Irvin (Sk. D. Shsader), 40,607kl, NS, 11 days.

23,774: Cherry Burton, Newington (Sk. C. Drevsr), 10,280kl, NS, 5

Manson), 188k, 18, 12 days.
£6,100: Jadestar Gypsy, Jones (Sk. J. Brodie), 130k, IS, 13 days.
£5,558: Picton Sea Eagle, Norrard (Sk. R. Foster), 170k, IS, 13 days.
£5,300: Brenda Wilson, Jones (Sk. R. Evans), 157k, IS, 13 days.

ABERDEEN

£20,875: Clarkwood, Wood Group (Sk. S. Thomssn), 874k, F, 14 days.

## HUMBER VESSELS DUE

GRIMSBY

Jaguar, Ross Leapard, Rass

Expected during the week from Icelend: Northern Reward, Ross
Kipling, Spurs. From White Sea and Norwey Coast: Boston
Comunche, Crystal Palace. From Henetto, Kingston Beryl, Harn-tisnko, Ugono, Ross (renet, Ross)

Kingston Penri.

Kingston Penri.

Kingston Penri.

Leapard, Rass

FLEETWDOD

Prices: hellbut, 240/250; brill, 240; eole, 2120/2180; lurbon, 210/228.80; dogfish, 28.25/211; bror 40 kilo units.

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FLEETWDOD

Prices: hellbut, 240/250; brill, 240; eole, 2120/2180; lurbon, 210/228.80; dogfish, 28.25/211; bror 40 kilo units.

FRICETWDOD

Prices: hellbut, 240/250; brill, 240; eole, 2120/2180; lurbon, 210/228.80; dogfish, 28.25/211; bror 40 kilo units.

FRINKHAM

Prices: cod, 22.80; plelce, 28/23; brill, 220/222; coelfish, 21/28; monkflah, 220/222; coelfish, 21/29; plelce, 28/242; roker, 28/236; whiting, 21/222; lung, 22/228, per 10st. kit.

## PORT MARKETS

MONDAY NOVEMBER 15

GRIMSHY

A good supply of 3,237 kits from 11 yeasels met a good demand. Prices shelf cod £3/£4.

codling, £2.50/£3.50; large had dock, £2.70/£2.80; medium haddock, £2.40/£3; small haddack, water vissels both back from £1.80/£2.20; hest small plaics, White Sas and Baar Leis.

LOWESTOFP
Prices: sole, 2170/2180; slips, 2135/2150; large turbot, 2135/2150; large turbot, 2136/2150; large turbot, 2136/2138; small turbot, 214/2138; small turbot, 2170/2195; prockfish, medium plaice, 236/237; small plaice, 236/2330; rockfish, medium plaice, 235/237; small plaice, 230/23360; cod, 230/23360; cod, 230/23360; cod, 230/23360; cod, 230/23360; cod, 230/2336; codling, 28/284; dabs, 20/236; whiting, 29 large haddook, 232/236; small haddook, 232/23

LOWESTOFT

EYEMOUTH
Prices: small whiting, 28; small haddock, 211/218; best small haddock, 214/216; medium haddock, 218/217.80; estall codings

# tripe. Price ranges par 10et. kil heads on: shelf cod. £29/£33,35; shelf codling, £26.50/£30.90; shelf haddock, £20,50/£28; medlum codling, £20,50/£28; medlum codling, £20,50/£28; medlum codling,

BRIXHAM
Prices: cod, £2.80; pleice, £3.40; turbot, ££11.20; whiting, small, 50p; lerge whiting, £1.80; lamon sole, £7.50; Dover sole, £17; brill, £4.80; rey winge, £4.30; conger, email, 60p; large, £1.60; squid, £3.80; monkflah, £9; large deba, £2.80; sonall daba, 80p mackarel, 70p; ellps, £10.20; wraess, £2.80; base, £11.80; cuttlefish; £1.80, per stone, acalops, £1.20 per dozen.

BILLINGSGATE

October 1, 1976

## HERRING REPORT

FRIDAY, NOVEMBER 12 Stornoway: two drifters, three tonnes, two trewlere, 13 tonnes; homemarket, 16 tonnes at £14/£14.30. Regular to mixed spents, 320/440 per 50kg. Lillopool: 25 trewlers, 85 tonnes; £13.50/£14.40, klondysis; Shader), 40,607kl, NS, 11 days.
£4,972: Bishop Burton, Newington
(Sk. T. Fairlsy), 10,120kl, NS, 5
days.
£4,250: Lothian Rose, Irvin (Sk. R. Clark), 10,840kl, NS.
£3,774: Cherry Burton, Newington
(Sk. C. Drawn), 10,980kl, NS, 5
(Sk. C. Drawn), 10,980kl, NS, 10 four trawlers, 82 tonnes in homemerket, 125 lonnes knomemerket, 32 tonnes at £13.30/£17.80. Regular to slightly mixed, 270/430 per 50kg. Ayr: mixed in size, 260/480 per 50kg. Ayr: five trawlers, 12 tonnes at trawlers, 12 tonnes at the transparent of the size six trawlers, nine tonnas; homemarket, nine tonnas at £17.40/£t8.40. Uniform a mixed in size, 260/480 per 50kg.

Avr: five trawlers, 12 tonnes at £15/£45.40. Hand selected, 170/300 and 390/450 per 50kg.

TUESDAY, NOVEMBER IS

## B.U.T. Engineers (Grimsby) Ltd GRIMSBY'S TOP BOATS LAST WEEK:

## Ross Ramillies Northern Gift Ross Khartoum

All Usad "Faarnought" Doors

THE TRAWL BOARD SPECIALISTS OUR PATENT FEARNOUGHT SERIES SUCCESSFUL THROUGHOUT THE WORLD



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Daily Consignments Required R. BLOOMFIELD (Billingsgate) LTD 127-128 BILLINGSGATE MARKET ECS Sals Aucounts Phone: 01-826 7320 7749 899 LABELS SENT ON REQUEST

## 119/220; best small codling, sept small codling, sept sept sm for Don's two new trawlers

tish porta auxiliary sngines, a Gerdner (SUT).
In accordance with the 6LX of 127 hp and a Lister Accord

Recently thet Dautz engines seine rope storege reels, a dishad been chosan because of charge winch and an anchor the success of three other Deutz-powered boats hendled A Mk. Il hydraulic com-Deutz-powered boats hendled

Hesperus, Vesper and Lorena of Arbroath. Each boet will which were built last year at have a fishroom capacity of the John Lawis shippard for 3,600 cu. ft. Delivery of the skippers Michael Watt, vessels is scheduled for George Watt and Alexander February and September

next year.

80-footer
THE NEW 80ft. trawler
Shion was launched lete lest month at the Bord Iascalgh Mhara (BIM) bestyard in Killybege, Eire, for Skipper Paul O'Neili.
The boat, powered by a Caterpillar marine diesel

many as the best crab deliver consignments to increhents by road.

At one time, Cromer crabs found their way to Billingsgate, London, but today's reif costs prevent this end the bulk of the catch is soid in East Anglia.

The most important crab folk coast are Cromer and Sheringham, where about 80 per cent of the catch is land-

breest timber-hulled trawlers of be built at a BlM yard.

The warm, celm summer has helped us end brices have remained good."

Fishing this summer was not be built at a BlM yard.

## TRAINING

Marine Science for The crabs are sither sold Three days will be spent fishmongers, being deepatch-covering aspects of ed elive and cooked by the Three days will be spent sesson graphy, merine merchants.

Welgy and fish beheviour relevant to commercial labing. Suitable for vessel of and many

The course will begin by issiawing principal world issing grounds end explain the importance to them of the main oceanic currents and copysilings. This will be followed by factures on the acological chain, fish reaction to temperature population

to tempstature, population dynamics, migration and basic fish physiology.

A major section of the curse will deel with the reactions of fish to bottom lopography and flahing gaar. This will be presented using inderwater films from the desired as the constant of the constant of the logography and flahing gaar. This will be presented using inderwater films from the desired as the constant of the constant of the logography and flahing gaar.

Oversess at the constant of the con

Ovarsess students Specially tailored courses it being considered for orreses students, and these will be developed as a joint renture of the course of the cours inductive with one or more of the local nautical colleges in the like and involve committees that the like and involve committees the like and li

# Conflict in a peutz propulsion engines have been chosan for the two 75ft. eteel arive the propeller through selner-peir trawlers which Campbeltown which Campbeltown shippard is to build for subsidiary of the John Book Group of Aberdaen. The Wood Group has been repanding its interests in instruction in shore fishing during the last with a beam of 21ft., and will be of treditional stready, 40 inshore vessels are handled by the group's subsidiaries in various Scott is subsidiaries in various Scott is got three years and sixed, 40 inshore vessels are handled by the group's subsidiaries in various Scott is subsidiaries in various Scott is

many ae the best crab

eouson for yeare.

Destropwered boats hendled by the group.

These are the 75ft. Mac-dulf based seloar-trawlers of Arbroath. Each boet will represent the supplied by the wind and Gare Co.

A MK. It hydrault the term Recognising that the term to in it a widest sense combines e wide group of ecdulf based seloar-trawlers of Arbroath. Each boet will tivities, the SUT defines fixed cluding "any structure or obsect deliberately placed by man on the seabad and left there for a pariod of time."

Licel effects of offshing, pipeline and inspection, experimental trawling over a pipeline and fishing in-

## According to the SUT, the Breakages

different and not always com-

coffec, tes end s buffet lunch
Further information can he obtained from the Society for Confusion and conjecture Underwater Tochnology.

# Reviews of the offshore industry ond of the fishing industry in UK waters will start

the meeting. Other talks will A FISHERMEN'S co-include reports on the prac-operative in the Dundalk ticel effects of offshore in- ares of Southern Ireland is

The beit is held between

DOES THE NATION WANT AN

for Confusion and conjecture 1 on EEC inshore policies hes In accordance with the group's normal practice, it is group's normal practice, it is specifed that skippera will shortly be appointed to take thares in the two new boets. Aspokesman for the Wood Group told Fishing News Group told Fishing News Group told Fishing News Group told Fishing News seine rope storege reels, a disdetect a "sell-out" for the British, says the FOS. Voicing one of the major fears of its members, the FOS

nske: how "exclusive" will
"exclusive limits" be when
the REAL intentions of our
EEC partners are revealed.

The society's nnnun general meeting is due to be

## They are powered by type SBF 12 M 716 U 12-cylinder, Vienter of the Norfolk coast have the WIND-UP BIG deliver consignments to

esid: "It's been e good yeer for crebs. The warm, celm per cent of the catch is land-ed. Smaller lendings ere also

Fishing this summer was id to be the best for 10 yeers da totei catch of over 9,000 tt. is expected. Psak catches seid to be the best for 10 yeers and a totel catch of over 9,000 COURSES

and a total catch of over 5,000

cwt. is expected. Paak catches occurred in May and June when boats working 150-200 pots ware landing around 500 crabs a day. A good dey's work when eech creb wes earning between 11 and 15 pence.

All the Colors of course of cwt. is expected. Paak catches occurred in May and June

owned by part-timere.
Since there are no herbours locally or sent to inland elong this cosst the boats have to be brought schore each day. At Cromer the crab

beited pots made by netting, through fishermen. At Cromer end crabs anter and fal Sheringhem the double-entry hole into the pot. creel pot is favoured, being somswhat emailer than the standard iobster creel used in north-east Englend end

surrounding e cest-iron bar which forms the base of the

The oylon or couriene ost-

thet this area of the Norfolk coast abould become a protected belt, where skin-diving is banned.

or shanks of between 120 end 250 pots.
of between 120 and 250 pots.
Gurnsrd, pisice or cod-heads changeover from hand bauling to hydraulic pot hsulers, which hae taken piece during the paet five years, hee elso

However, all is not plain Committee stressas that this seiling for the Norfolk msn. makes it essential that small Many are effaid of losing crabs on the inshors grounds.

boats ere hauled up the beach by trectors, while at Sheringham winches are ussed.

The crebs are caught in beited pots made by fishermen. At Cromer end Sheringham winches are usset to catche in recent yeers have been the result of the Eastern Sea Fisharies Committee's efforts to control the use of small craba for lobater beit.

The crebs are caught in netting, through which the crabs anter and fall through expensions are smalled by a single tunnel of small craba for lobater beit.

The committee, ecting on information are smalled by a single tunnel of small craba for lobater beit.

informetion supplied by Ministry of Fisheries scientists, claims that 'this year's the togglee in two bait bands, undersized crabs will be next standard iobster creel used in north-east Engiend end Scotland.

The Norfoik crab pot is constructed from wood ead csne, with e rectangular woodeo frame (24in. x 18in.)

The standard iobster creel used in which are double lengths of undersized crabs will be next yeer's catch. The byaiaw, which prohibits the use of undersized crabs for bait, and the roof to the base of the pot. The catch is then ramoved dersized crabs for bait, protects the crab catch of aubsequent years.

These ere fished in strings or sharks of between 20 end o which are double lengths of

year the number of pots used to this flahery increases. The pots are set very close inshore and little fishing is done further than two miles from

The Eastaro Figherios

Many are efraid of losing their crab pots to trawlers are not depleted and are operating in the crabbing areas. Eric Wink, chairman allowed to grow to a fishable aize.

Although crab fishing is the reasoclation, is an active campaigner for a bas on all trawling within three niles of the coast, lobsters are also taken—esnecially during July and psigner for a bso on all traviling within three niles of that coast. lobstsrs are also taken — especially during July and August when crahs are casting their shells. This year casting their

50ft. Pleasurs boat, twin englos 2.2 BMC diesels, 2:1 reduction fresh water cooled, BOT 1975 class VI. Price 53,005.

fresh water cooled, BOT 1975
class VI. Price 23,002,
New 18ft. worh/angling bost,
GRP., fore cabin, aft cockpit,
10hp Volvo diesel twio cylinder,
weter cooled, morse controis. Price 22,595.
New traiwl winches, sultable
fishing bosts 40/45ft. 20:1
reduction, 1 in. shaft, 2 wire
drums, warping dolly, Robust
winches. Price 2550.

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FOR SALE BY PRIVATE BARGAIN MFV "STAR OF HOPE"

Built of wood by J. & G. Forbas & Co., Sandhaven, 1955. Length overall 73.9ft., rxgistarxd langth 66.4ft., breadth 20ft., depth 8ft., tonnage grors and nat 49.54 tonr.

Fitted with 320hp Kelvin diesol xngine, angins and gearhox completally overhaulad by engins manufacturer's October 1975. Combined winch, power bloch and fitted for szina natting, traviling and pair traviling.

bined winch, power moce and moce and pair reading.

ON HIRE: Kolvin Hughts rader type 17 C W DRM., MS44 echo sounder with bottom lock, VHF and Decca Novigetor Mk.21.

SHIP'S PROPERTY: Sollor SSB radio transmitter and receiver, Marmaid 21 watchkeeping receiver. Emergency R/T (Oac-

Ca Setcom).

Quarnity of gear available. This most successful fishing vessel is st present fishing out of Ulispool and is being sold as the owners are taking delivery of new vessel.

All enquiries to: Petor and J. Johnstose Limited, Fishaeloemen, 7 Balaofave, Frasorburgh, Tolephone cumbers: Freeerburgh 236B and 655B.

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tols. New trawl winches, suitable fishing boats 40/45ft. 20:1 reduction. 1-ji.m. shaft, 2 wire two pair dones. 220,000 con. regulared port one ond four. Lying on south coost. The comparison of the comparison of

Sysmaga

Boft. x 17ft.7in. steel trawler, draft Bft.9in., under 25 tons. Rador, sounder, radio MF and VHF., engine Boinss 180hp at 500 rpm. Vessel in A1 condition,

just had axtensive refit.

Decca Navigetor and plotter on hire. Four trawis and all geer,

two pair doors. £20,000 o.n.o.

FISHING NEWS

Chalmaford i02451 320177, sevandeys, Sam-Spm.

MFV "Venture Garman" oak on oeh, 41ft.61n. x 13ft. x 9ft.6in., storn wheelhouse, mizzen, forward gentry, Keivin Hughes sounder, Sallor "SP" T121E and R105 2:1 hydraulic gearbox recant overhaul, Dautz aix cylindar diesel, clean up required, quirk sala £2,500. Telaphona: St. Ives 5625.

M.B. "BROEDER TROUW" (AR77)

Length overail 96.9ft., breadth 17.7ft., draught 9.9ft., engine 310hp Kromhout 5.F.240, bullt 1886 Holland by Wisser & Son. 8 ost's property: Furuno sounder, Oscca reder 202, Robertson suro pilot, Ferrograph inshore sounder, Marmeld wetch. On hire: Decce Navigetor Mkt2, Radcon, Saxon King 400 watr, Merconi VHF.
Winch Gaeson 350 x 1‡in. werp. Rigged for bottom end mid weter trawling.

Which Gassell 300 A state the control of the contro

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### FOR SALE

Fol. No. 655.
Tonnege 47 gross, "Else Sund" built of wood in 1866 —
Danish shlpyerd.
Dimensions: 57 ft. 6 in. x 17 ft. 2 in. x 7 ft. 8 in.
Engins: 3 cylinder 240hp Cellesen diesel.
All-in electronic equipment on board. Nst drums hydravik

Estimated price: 248,500. Fol. No. 728.

Fol. No. 728.
Tonnege 43 gross, seine nettet "Nisla Kirk", built of weed in Denish shippard 1950.
Dimensions: 53 ft. 5 in. x 16 ft. 9 in., x 7 ft. 5 in.
Engine: S cylinder 153hp Gardner diesel, installed 1973.
24 volt electric installation. All-in electronic equipment in

boerd.
Tanks nsw 1973, new wheelhouse plus new Remmany drums 1973.
Estimated price: £52,950.
Fol. No. 724.

Tonnage 65 groee, "Rubicon", trawler built of wood 1865, as Danieh shippard.
Capacity: Two fish holds for 70 ton of industrial fish and

Dimensions: 63 ft. 2 in. x 16 ft. 2 in. x 7 ft. 8 in. Engine: 4 cylinder 280/320hp Alphs Diceel. All-in electronic equipment on board. Accommodation and mess room in the back of the Estimated price: £95,250. Fol. No. 729.

Tonnege 47 gross. "Homeward" seine netter/irawler, buit in Danish ship yard, 1939. Meteriel: Oak on Oak.

Dimensions: 58 ft. 4 in. x 17 ft. 6 in. x 8 ft. 1 in. Electrical Installetion 24 volt. Engine: 2 cylinder 224hp Hundested, installed 1965. Electronic equipment.
Estimated price: £40,150.
For Further information on these Vessels, and many others.

1899 steal stem trawler 27ft.9ln. x 9ft.6ln. a 4ft.6ln., Thornyoreft 64BHP diesel, aft wheelhouse, winch and nata, naw abort engins, oppron 7 tone, 24,000. Telaphoos: Kettering 3539.

ON HIRE:

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elephone Helston 3539.

FOR SALE BY PRIVATE BARGAIN

MFV "CORONELLA" (BF.404)

Sullt of wood by J. Wett, MecOuff 1899.
Length oversil 86.9ft, registered longth 66.5ft, braedth 20.2ft. depth B.2ft, tonnege groes and neit 49.97 tons. Fitted with 320hp Keivin diesel engins. Combination winds power block and fitted for seine netting, wawling and pair traveling.

Oaccs Navigetor MK12, Kelvin Hughes radar type 17 c/w ORM, Kelvin Hughes VHF and MS44 scho sounder with bottom lock.

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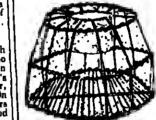
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